



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090116

Mode: Highway

Status: Submitted

NC-41

From/Cross Street: NC 11 in Tin City

Specific Improvement Type: 1 - Widen Existing Roadway

To: East of I-40

Project Category: Regional Impact

Length: 1.92

TIP#: R-2531

Fully Funded in Draft STIP? No

Cost to NCDOT: \$23,770,000

Description:

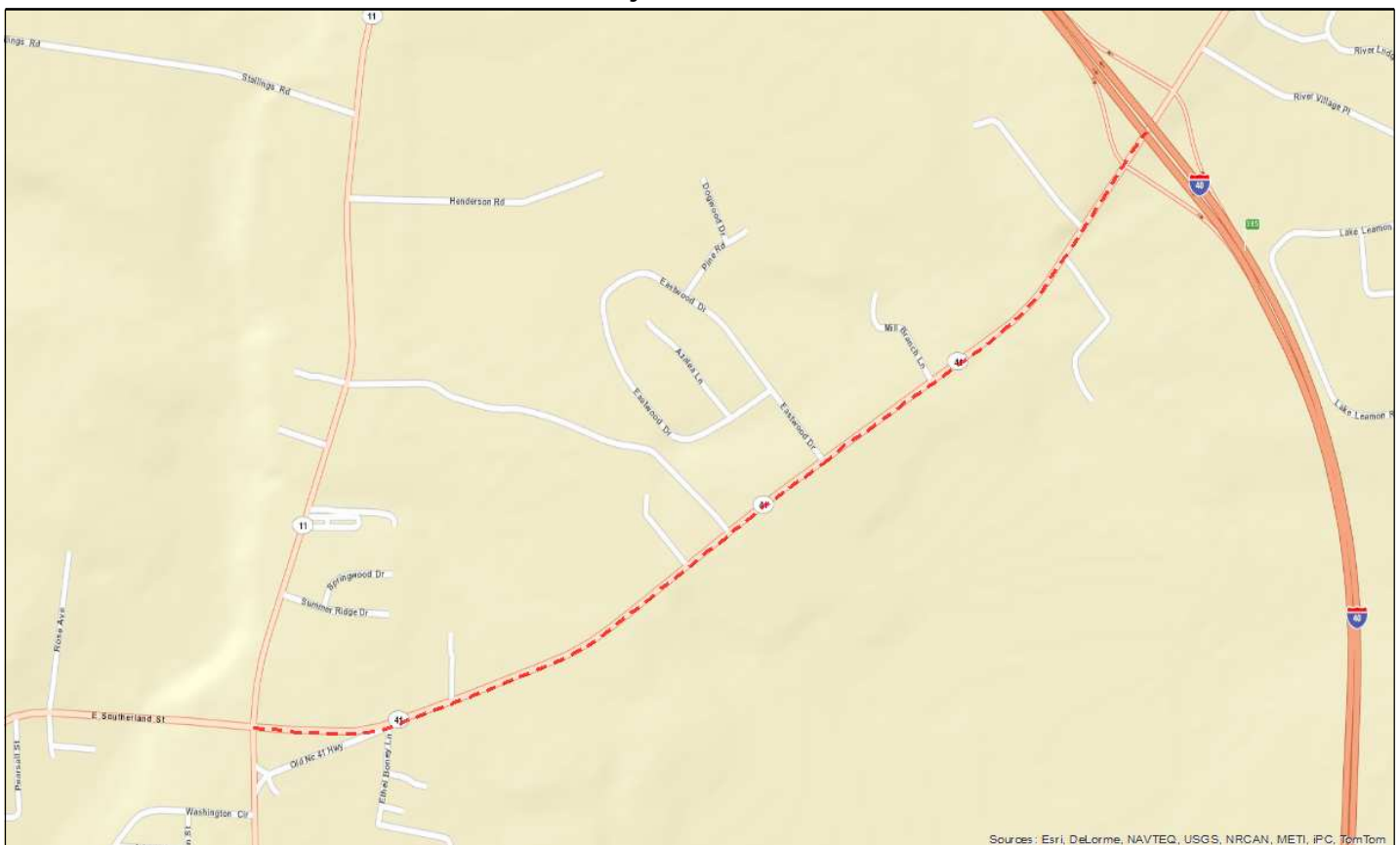
Widen to Multi-Lanes

Division(s): Division 3

County(s): DUPLIN

MPOS(s)/RPO(s): East Carolina RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Multimodal + [Freight & Military] (25%) 3.26 [Travel Time] Benefit/Cost (20%) 0.25 Safety (25%) 42.48	Percent: 15% Points:	Percent: 15% Points:
Totals: Weight: 70% Weighted Score: 11.48		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 41.75 Safety (20%) 42.48 Multimodal + [Freight & Military] (10%) 3.26	Percent: 25% Points:	Percent: 25% Points:
Totals: Weight: 50% Weighted Score: 17.17		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	1.92
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	9775.11
Capacity:	15500
Volume/Capacity Ratio:	0.63
% Autos:	93%
% Trucks:	7%
Truck Volume:	651.22
Crash Density:	56.49
Crash Severity:	40.41
Critical Crash Rate:	30.55
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	19
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	61
Actual Congested Speed:	41
Travel Time Index:	1.34

Project Benefits

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	55
Length (miles):	1.92
Facility Type:	Multi-Lane Highway
Access Control:	Partial
Functional Classification:	Minor Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	266644.95
Travel Time Savings for 30 Years (Autos):	248881.04
Travel Time Savings for 30 Years (Trucks):	17763.91
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 3

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 3	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
East Carolina RPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$22,500,000	TIP Unit
Right-of-Way Cost:	\$700,000	TIP Unit
Utilities Cost:	\$570,000	TIP Unit
Total Project Cost:	\$23,770,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$23,770,000	